

**Overview**

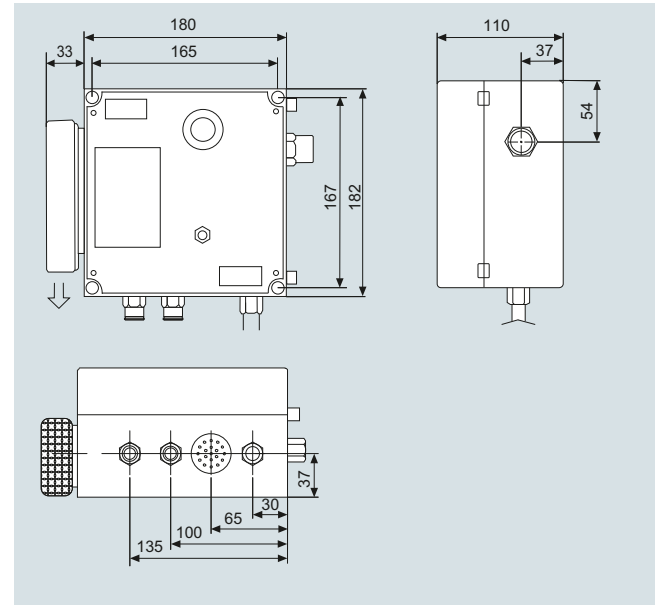
The Ex purging unit, MiniPurge FM, is used for pressure monitoring during continuous purging of an analyzer with purging or inert gas. If the pressure falls below the set value, an optical display is triggered and the relay is activated. This monitoring unit is driven by the purging gas pressure and therefore does not require an additional power supply.

**Technical specifications**

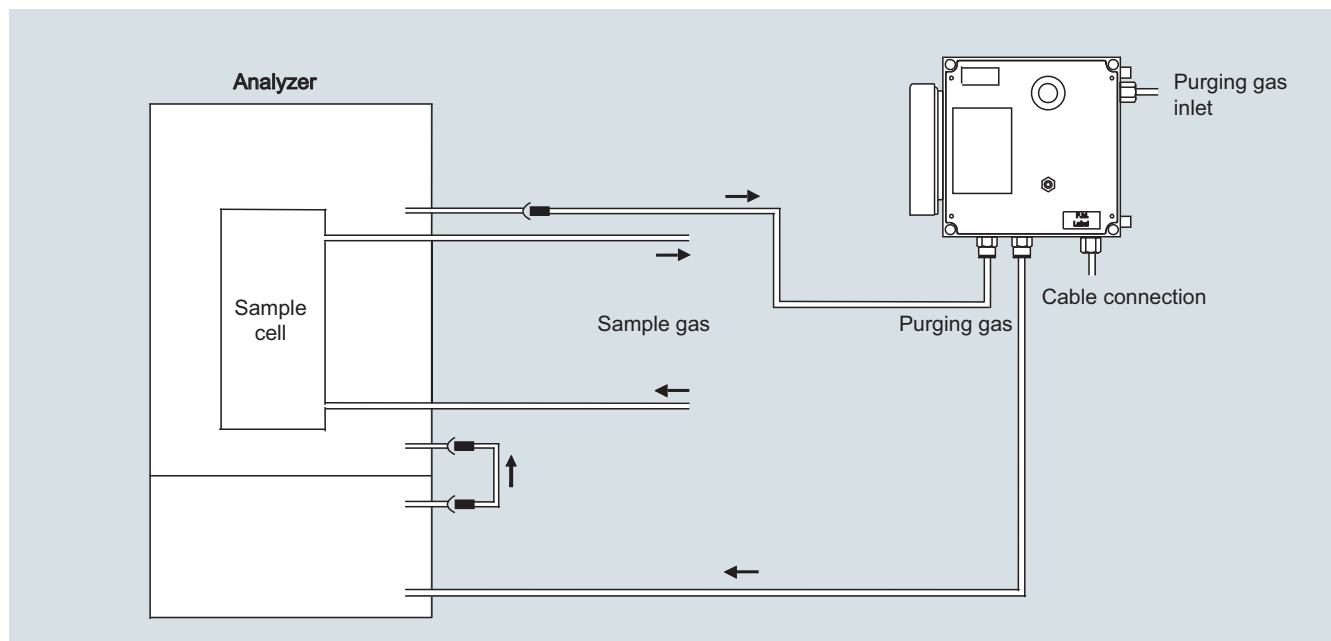
Classification	Class I Division 2
FM certificate	Certificate of compliance 1X8A4.AE / 0B3A3.AE
Reaction upon failure of pressure	Opening of switching contact, and alarm via signal indicator (red display)
System type	MiniPurge complete system
Operating mode	Continuous purging
Type of enclosure	Reinforced polycarbonate
Enclosure surface	RAL 7035 gray with transparent cover
Pressure supply	Dry, oil-free air or inert gas with regulated pressure of approx. 2000 hPa (30 psi) at inlet of MiniPurge
Supply connections	Pressure via ¼ BSPP connection, pressure hose at least ½" or 12 mm
Display (signal indicator)	Pneumatically driven color signal: green/red
Switching contact	Via SPCO switch approved for Class I Division 2
Settings	Lower response limit 0.5 hPa set relative to purging gas flow of 1 to 2 l/min
Prepurging time	Is defined by operator, and controlled manually
Enclosure pressure limitation	Made of stainless steel with integrated flame arrestor; opens at 10 hPa ± 10 %

**Selection and ordering data**

	Article No.
<b>FM/CSA (Class I Div. 2)</b>	
Ex purging unit Minipurge FM	<b>7MB8000-1AA</b>

**Dimensional drawings**

MiniPurge, dimensions in mm

**Circuit diagrams**

MiniPurge, purging unit, Class I, Div 2, gas connection diagram